

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 1

Printed: April 2, 2019

Facility Name: KMCO

FACILITY IDENTIFICATION:

KMCO
Dept:
16503 RAMSEY ROAD
CROSBY, TX 77532 USA
County: HARRIS
Fire District: Crosby
Latitude: 29.75500
Longitude: -95.053056
Facility Phone: 281-328-0238

☒ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:

Dun & Bradstreet: 614095362
NAICS: 325199 (All Other Basic Organic Chemical Manufacturing)
RMP: 100000118623
SIC: 2869

Is the facility manned? ☒ Manned ☐ Unmanned

Maximum No. of Occupants: 180

REGULATORY INFORMATION:

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☒ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☒ Yes ☐ No

CONTACT INFORMATION:

Davenport, Kimberly

Title: HSSE Coordinator Contact Type 1: Tier II Information Contact Contact Type 2: Emergency Contact

Address: 16503 Ramsey Road, Crosby, TX, 77532 USA

Phones: 24-hour: 281-328-0223 Emergency: 832-689-7559

Email: kimberlyd@kmcoinc.com

Wallace, Matt

Title: Supervisor Contact Type 1: Owner / Operator Contact Type 2: Emergency Contact

Address: 16503 Ramsey Road, Crosby, TX, 77532 USA

Phones: 24-hour: 832-724-6241 Work: 281-328-0251

Email: mattwallace@kmcoinc.com

Nidini, Kelly

Title: HSSE Manager Contact Type 1: Fac. Emergency Coordinator Contact Type 2: Emergency Contact

Address: 16503 Ramsey Road, Crosby, TX, 77532 USA

Phones: Work: 281-328-0223 24-hour: 281-733-6117

Email: kellyn@kmcoinc.com

Tehune, Keith

Title: Vice President Contact Type 1: Emergency Contact

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 2

Printed: April 2, 2019

Facility Name: KMCO

Address: 16503 Ramsey Road, Crosby, , 77532 USA
Phones: Work: 281-328-0234 24-hour: 870-307-2648
Email: keitht@kmcoinc.com

CHEMICAL DESCRIPTIONS:

CHEM NAME: 2-Ethylhexanol

CAS: 104-76-7 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 08 (50,000 - 74,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Acetic Acid

CAS: 64-19-7 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 3

Printed: April 2, 2019

Facility Name: KMCO

☐ Germ cell mutagenicity ☐ Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 11 (500,000 - 999,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation II

Process Area Amount:

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Distillation II Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Acrylic Acid

CAS: 112-34-5 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

☐ Explosive ☒ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid or gas) ☐ Self-reactive
☐ Pyrophoric (liquid or solid) ☐ Pyrophoric Gas
☐ Self-heating ☐ Organic peroxide
☐ Corrosive to metal ☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas ☐ Combustible Dust

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure) ☐ Carcinogenicity
☒ Skin corrosion or irritation ☒ Reproductive toxicity
☒ Serious eye damage or eye irritation ☒ Specific target organ toxicity (single/repeated exposure)
☒ Respiratory or skin sensitization ☐ Aspiration hazard
☒ Germ cell mutagenicity ☐ Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 06 (10,000 - 24,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Greater than ambient pressure Temp: Ambient temperature

Location: Drum Yard Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Acrylonitrile Stabilized

CAS: 107-13-1 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 4

Printed: April 2, 2019

Facility Name: KMCO

CHEMICAL COMPONENTS:

☒ EHS, CAS: 107-13-1, Component: Acrylonitrile , 99% Wt, Max Amt code: 06 (10,000 - 24,999 pounds)

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input checked="" type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input checked="" type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 06 (10,000 - 24,999 pounds)
Avg Daily Amt code: 02 (100 - 499 pounds)
Max quantity in largest container: 20,000 pounds
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: REACTION II

PROCESS AREA Amount: 20000 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Alcohols, C10 - C16, Ethoxylated aka, Tergitol

CAS: 68002-97-1 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 11 (500,000 - 999,999 pounds)
Avg Daily Amt code: 08 (50,000 - 74,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 5

Printed: April 2, 2019

Facility Name: KMCO

Container Type: Above ground tank Pressure: Ambient pressure Temp: Greater than ambient temperature Location:
Reaction II Process Area Amount:

Container Type: Above ground tank Pressure: Ambient pressure Temp: Greater than ambient temperature Location:
Reaction I Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:
No additional chemical information is required by Texas

CHEM NAME: Alcohols, C16-C18, Ethoxylate (AE7)

CAS: 68439-49-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 2,
1700 Amount:

CHEMICALS IN INVENTORY STATE FIELDS:
No additional chemical information is required by Texas

CHEM NAME: Alpha Olefins Fraction, C24-28

CAS: 93924-11-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 6

Printed: April 2, 2019

Facility Name: KMCO

☐ Germ cell mutagenicity ☐ Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 10 (100,000 - 499,999 pounds)
Avg Daily Amt code: 08 (50,000 - 74,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation II

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ammonia

CAS: 7664-41-7 EHS: Yes

☒ Identical to previous year
☐ TRADE SECRET
☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☒ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 7664-41-7, Component: Ammonia, 100% Wt, Max Amt code: 08 (50,000 - 74,999 pounds)

PHYSICAL HAZARDS:

☐ Explosive ☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid or gas) ☐ Self-reactive
☐ Pyrophoric (liquid or solid) ☐ Pyrophoric Gas
☐ Self-heating ☐ Organic peroxide
☒ Corrosive to metal ☒ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas ☒ Combustible Dust

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure) ☐ Carcinogenicity
☒ Skin corrosion or irritation ☐ Reproductive toxicity
☒ Serious eye damage or eye irritation ☐ Specific target organ toxicity (single/repeated exposure)
☒ Respiratory or skin sensitization ☐ Aspiration hazard
☐ Germ cell mutagenicity ☒ Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 08 (50,000 - 74,999 pounds)
Avg Daily Amt code: 05 (5,000 - 9,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Cylinder Pressure: Greater than ambient pressure Temp: Ambient temperature Location: Reaction II
Process Area, cylinders in 400 Tank Farm Amount: 20000 pounds
Container Type: Cylinder Pressure: Greater than ambient pressure Temp: Ambient temperature Location: Reaction I
Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Armeen Ol (Oleylamine)

CAS: 112-90-3 EHS: No

☒ Identical to previous year

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 7

Printed: April 2, 2019

Facility Name: KMCO

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 06 (10,000 - 24,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Reaction 1 Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Beta Naphthol

CAS: 135-19-3 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Bag Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 2 Warehouse

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 8

Printed: April 2, 2019

Facility Name: KMCO

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Boron Trifluoride Etherate

CAS: 7637-07-2 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☒ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 04 (1,000 - 4,999 pounds)

Avg Daily Amt code: 02 (100 - 499 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 2

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Butanol

CAS: 71-36-3 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 9

Printed: April 2, 2019

Facility Name: KMCO

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Tank wagon Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 1

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Butyl Acrylate

CAS: 141-32-2 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input checked="" type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Warehouse Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Butylene Oxide, Stabilized

CAS: 106-88-7 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 10

Printed: April 2, 2019

Facility Name: KMCO

☐ In contact with water emits flammable gas ☐ Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 09 (75,000 - 99,999 pounds)

Avg Daily Amt code: 07 (25,000 - 49,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Ambient temperature Location:

Reaction II Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Combustible liquid, n.o.s.

CAS: EHS: No

☒ Identical to previous year

☒ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 13 (10 million+ pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation and

Reaction Tank Farms Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Core 100 (Base Oil)

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 11

Printed: April 2, 2019

Facility Name: KMCO

CAS: 64742-52-5 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Rail car Pressure: Ambient pressure Temp: Ambient temperature Location: KMRail Amount:

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: KMRail

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Cyclohexanol

CAS: 108-93-0 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 12

Printed: April 2, 2019

Facility Name: KMCO

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 2

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Cyclohexylamine

CAS: 108-91-8 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 108-91-8, Component: Cyclohexylamine, 80% Wt, Max Amt code: 07 (25,000 - 49,999 pounds)

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input checked="" type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Drummyard storage,

Reaction I Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Decanoic Acid

CAS: 334-48-5 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
--	---

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 13

Printed: April 2, 2019

Facility Name: KMCO

<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 09 (75,000 - 99,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 1 & 2

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Decene

CAS: 833482-31-8 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I,

1300 Tank Farm Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Diesel Fuel

CAS: 68476-34-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 14

Printed: April 2, 2019

Facility Name: KMCO

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 06 (10,000 - 24,999 pounds)
Avg Daily Amt code: 05 (5,000 - 9,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: South of

Fabrication building Amount:

Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: T5018 and

Maintenance Building; mechanic shop Amount: 50000 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Diethanolamine

CAS: 111-42-2 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 08 (50,000 - 74,999 pounds)
Avg Daily Amt code: 08 (50,000 - 74,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation II

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 15

Printed: April 2, 2019

Facility Name: KMCO

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Diethylene Glycol

CAS: 111-46-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation II
process area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Diisopropylamine

CAS: 108-18-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input checked="" type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 16

Printed: April 2, 2019

Facility Name: KMCO

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 05 (5,000 - 9,999 pounds)

Avg Daily Amt code: 03 (500 - 999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Drummyard storage

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Dodecylbenzenesulfonic Acid

CAS: 27176-87-0 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Drum yard Amount

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: EPON Resin 828

CAS: 25068-38-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 17

Printed: April 2, 2019

Facility Name: KMCO

☐ In contact with water emits flammable gas ☐ Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 06 (10,000 - 24,999 pounds)

Avg Daily Amt code: 05 (5,000 - 9,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 1

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethoxylated Laurel Alcohol

CAS: EHS: No

☒ Identical to previous year

☒ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Reaction 1 Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethyl 3 - Ethoxypropionate

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 18

Printed: April 2, 2019

Facility Name: KMCO

CAS: 763-69-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 11 (500,000 - 999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethyl acrylate

CAS: 140-88-5 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input checked="" type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 13 (10 million+ pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 19

Printed: April 2, 2019

Facility Name: KMCO

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I
Process Area Amount:

Container Type: Rail car Pressure: Ambient pressure Temp: Ambient temperature Location: Railyard Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethyl Alcohol

CAS: 64-17-5 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 13 (10 million+ pounds)

Avg Daily Amt code: 13 (10 million+ pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction One
storage tanks Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethyl Chloride

CAS: 75-00-3 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☐ Liquid ☒ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 75-00-3, Component: Ethyl Chloride, 100% Wt, Max Amt code: 10 (100,000 - 499,999 pounds)

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input checked="" type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
--	--

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 20

Printed: April 2, 2019

Facility Name: KMCO

<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 10 (100,000 - 499,999 pounds)
Avg Daily Amt code: 07 (25,000 - 49,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Ambient temperature Location:

Reaction 2 Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethylene Carbonate

CAS: 96-49-1 EHS: No

☒ Identical to previous year
☐ TRADE SECRET
☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 07 (25,000 - 49,999 pounds)
Avg Daily Amt code: 07 (25,000 - 49,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Tank wagon Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction II Process

Are Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethylene Glycol

CAS: 107-21-1 EHS: No

☒ Identical to previous year
☐ TRADE SECRET
☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 21

Printed: April 2, 2019

Facility Name: KMCO

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)
Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation I

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Ethylene Oxide

CAS: 75-21-8 EHS: Yes

☒ Identical to previous year
☐ TRADE SECRET
☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☒ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 75-21-8, Component: Ethylene Oxide, 100% Wt, Max Amt code: 12 (1,000,000 - 9,999,999 pounds)

PHYSICAL HAZARDS:

<input checked="" type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input checked="" type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input checked="" type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input checked="" type="checkbox"/> Germ cell mutagenicity	<input checked="" type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)
Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Less than ambient temp. / not cryog

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 22

Printed: April 2, 2019

Facility Name: KMCO

Location: EO Tank Farm, West of Reaction II Amount: 360000 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Formaldehyde (37% Formalin)

CAS: 5000-00-0 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 5000-00-0, Component: Formaldehyde, 37% Vol, Max Amt code: 10 (100,000 - 499,999 pounds)

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: drumyard
storage Amount:

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 2

Amount: 60000 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Gasoline

CAS: 8006-61-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input checked="" type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 23

Printed: April 2, 2019

Facility Name: KMCO

<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 06 (10,000 - 24,999 pounds)

Avg Daily Amt code: 05 (5,000 - 9,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: South of fabrication building Amount: 5000 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Hexamethylenetetramine

CAS: 100-97-0 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input checked="" type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 08 (50,000 - 74,999 pounds)

Avg Daily Amt code: 07 (25,000 - 49,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 1
Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Isomerized Olefins, C16 alpha

CAS: 148617-57-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 24

Printed: April 2, 2019

Facility Name: KMCO

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 11 (500,000 - 999,999 pounds)
Avg Daily Amt code: 07 (25,000 - 49,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 1
process area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Isopropyl Alcohol (IPA)

CAS: 67-63-0 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input checked="" type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 08 (50,000 - 74,999 pounds)
Avg Daily Amt code: 07 (25,000 - 49,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 1
Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 25

Printed: April 2, 2019

Facility Name: KMCO

No additional chemical information is required by Texas

CHEM NAME: Kerosene

CAS: 8008-20-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 09 (75,000 - 99,999 pounds)

Avg Daily Amt code: 09 (75,000 - 99,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I/

1300 Tank Farm Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Maleic Anhydride

CAS: 108-31-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☒ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input checked="" type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 26

Printed: April 2, 2019

Facility Name: KMCO

Max Daily Amt code: 11 (500,000 - 999,999 pounds)

Avg Daily Amt code: 09 (75,000 - 99,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Bag Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I & II Process Area
Amount:

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I & II
Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Methane Sulfonic Acid

CAS: 75-75-2 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 05 (5,000 - 9,999 pounds)

Avg Daily Amt code: 04 (1,000 - 4,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:
Drumyard storage, Reaction I Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Methyl Alcohol

CAS: 67-56-1 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 27

Printed: April 2, 2019

Facility Name: KMCO

☐ In contact with water emits flammable gas ☐ Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 09 (75,000 - 99,999 pounds)

Avg Daily Amt code: 08 (50,000 - 74,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 2,
700 Tank Farm Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Methyl-diethanolamine

CAS: 105-59-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 06 (10,000 - 24,999 pounds)

Avg Daily Amt code: 04 (1,000 - 4,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction II &
Distillation II Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Mineral Oil

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 28

Printed: April 2, 2019

Facility Name: KMCO

CAS: 8042-47-5 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Rail car Pressure: Ambient pressure Temp: Ambient temperature Location: KMRail, Reaction 1 & 2

Amount:

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: KMRail,

Reaction 1 & 2 Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: n-heptane

CAS: 142-82-5 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 07 (25,000 - 49,999 pounds)

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 29

Printed: April 2, 2019

Facility Name: KMCO

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Ambient temperature Location:

Reaction process area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: n-hexene

CAS: 592-41-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 07 (25,000 - 49,999 pounds)

Max quantity in largest container: 100000 pounds

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I

Tank Farm Amount: 100000 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Naphthalene

CAS: 91-20-3 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☒ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
--	---

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 30

Printed: April 2, 2019

Facility Name: KMCO

<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 11 (500,000 - 999,999 pounds)
Avg Daily Amt code: 10 (100,000 - 499,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Ambient temperature Location:

Reaction 1 Tank Farm Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Nitrogen

CAS: 7727-37-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☒ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input checked="" type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input checked="" type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 10 (100,000 - 499,999 pounds)
Avg Daily Amt code: 08 (50,000 - 74,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Greater than ambient temperature Location:

Nitrogen Storage Tank & Associated Piping Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Nonyl Phenol

CAS: 25154-52-3 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 31

Printed: April 2, 2019

Facility Name: KMCO

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 10 (100,000 - 499,999 pounds)
Avg Daily Amt code: 10 (100,000 - 499,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I & II

Process Area Amount:

Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Drummyard Storage

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Organic Peroxide, Liquid N.O.S.

CAS: 94-36-0 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input checked="" type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 05 (5,000 - 9,999 pounds)
Avg Daily Amt code: 02 (100 - 499 pounds)
Max quantity in largest container: 1200 pounds
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 32

Printed: April 2, 2019

Facility Name: KMCO

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temp: Less than ambient temp. / not cryog
Location: Peroxide Freezer Amount: 1200 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Paraformaldehyde

CAS: 30525-89-4 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 09 (75,000 - 99,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Bag Pressure: Ambient pressure Temp: Ambient temperature Location: Warehouse Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Phosphoric Acid

CAS: 7664-38-2 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 33

Printed: April 2, 2019

Facility Name: KMCO

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 05 (5,000 - 9,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Reaction I Process Area Amount:

Container Type: Tote bin Pressure: Ambient pressure Temp: Ambient temperature Location: Drummyard Storage

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Phosphorous Pentasulfide

CAS: 1314-80-3 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

☐ Explosive

☐ Oxidizer (liquid, solid or gas)

☐ Pyrophoric (liquid or solid)

☐ Self-heating

☐ Corrosive to metal

☐ In contact with water emits flammable gas

☒ Flammable (gases, aerosols, liquids, or solids)

☐ Self-reactive

☐ Pyrophoric Gas

☐ Organic peroxide

☐ Gas under pressure (compressed gas)

☐ Combustible Dust

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure)

☒ Skin corrosion or irritation

☒ Serious eye damage or eye irritation

☒ Respiratory or skin sensitization

☐ Germ cell mutagenicity

☐ Carcinogenicity

☐ Reproductive toxicity

☐ Specific target organ toxicity (single/repeated exposure)

☐ Aspiration hazard

☐ Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Tote bin Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction II Process area

drummyard Amount: 50000 pounds

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Phthalic Anhydride

CAS: 85-44-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

☐ Explosive

☐ Oxidizer (liquid, solid or gas)

☐ Flammable (gases, aerosols, liquids, or solids)

☐ Self-reactive

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 34

Printed: April 2, 2019

Facility Name: KMCO

<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 11 (500,000 - 999,999 pounds)

Avg Daily Amt code: 09 (75,000 - 99,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Bag Pressure: Ambient pressure Temp: Ambient temperature Location: Dry Storage Area

Amount:

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction I & II

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Poly (methyl1,2ethanediyl)alpha(4nonylphenyl)

CAS: 155240-08-7 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 09 (75,000 - 99,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction II

process are Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 35

Printed: April 2, 2019

Facility Name: KMCO

CHEM NAME: Polyethylene Glycols

CAS: EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation

Tank Farm Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Polyethyleneamine Mixture

CAS: 2373980-78-8 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 08 (50,000 - 74,999 pounds)

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 36

Printed: April 2, 2019

Facility Name: KMCO

Avg Daily Amt code: 07 (25,000 - 49,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reation I

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Polyglycol Ethers

CAS: 9004-77-7 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 11 (500,000 - 999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Potassium Hydroxide

CAS: 1310-58-3 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
--	--

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 37

Printed: April 2, 2019

Facility Name: KMCO

<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 05 (5,000 - 9,999 pounds)

Avg Daily Amt code: 05 (5,000 - 9,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Drumyard storage Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Propylene Oxide

CAS: 75-56-9 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☒ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 75-56-9, Component: Propylene Oxide, 100% Wt, Max Amt code: 12 (1,000,000 - 9,999,999 pounds)

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Less than ambient temp. / not cryog

Location: TANK 2010 NORTH OF EXXON BLEND PAD Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Sodium Hydrosulfide

CAS: 16721-80-5 EHS: No

☒ Identical to previous year

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 38

Printed: April 2, 2019

Facility Name: KMCO

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input checked="" type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 07 (25,000 - 49,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction II

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: SODIUM HYDROXIDE

CAS: 1310-73-2 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 11 (500,000 - 999,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 39

Printed: April 2, 2019

Facility Name: KMCO

I/Reaction II Process Area/Distillation II Amount:

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Drumyard storage/reaction II Process area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Sodium Hypochlorite

CAS: 7681-52-9 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input checked="" type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 05 (5,000 - 9,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temp: Ambient temperature Location:

Drumyard Storage Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Sulfolene; C4H6SO2

CAS: 77-79-2 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 40

Printed: April 2, 2019

Facility Name: KMCO

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Bag Pressure: Ambient pressure Temp: Ambient temperature Location: Dry Storage Area

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Sulfur Dioxide (anhydrous)

CAS: 7446-09-5 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 7446-09-5, Component: Sulfur Dioxide Anhydrous, 100% Wt, Max Amt code: 07 (25,000 - 49,999 pounds)

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input checked="" type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 07 (25,000 - 49,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Cylinder Pressure: Greater than ambient pressure Temp: Ambient temperature Location: Reaction II

Process area, Cylinder storage area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Sulfur Molten

CAS: 7704-34-9 EHS: No

☒ Identical to previous year

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 41

Printed: April 2, 2019

Facility Name: KMCO

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 08 (50,000 - 74,999 pounds)

Avg Daily Amt code: 06 (10,000 - 24,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Greater than ambient temperature Location:

Reaction I Tank Farm

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Sulfuric Acid

CAS: 7664-93-9 EHS: Yes

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

CHEMICAL COMPONENTS:

☒ EHS, CAS: 7664-93-9, Component: Sulfuric Acid, 98% Wt, Max Amt code: 10 (100,000 - 499,999 pounds)

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input checked="" type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 42

Printed: April 2, 2019

Facility Name: KMCO

Avg Daily Amt code: 08 (50,000 - 74,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Tote bin Pressure: Ambient pressure Temp: Ambient temperature Location: totes in drumyard

Amount:

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation one
and tank farm Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Sulfurized Isobutylene

CAS: 68511-50-2 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 11 (500,000 - 999,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction II

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Tergitol Surfactant

CAS: 84133-50-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 43

Printed: April 2, 2019

Facility Name: KMCO

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)
Avg Daily Amt code: 11 (500,000 - 999,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction 1 & 2

Tank Farm Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Tetraethylene Pentamine [TEPA]

CAS: 112-57-2 EHS: No

☒ Identical to previous year
☐ TRADE SECRET
☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input checked="" type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input checked="" type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds
Max Daily Amt code: 10 (100,000 - 499,999 pounds)
Avg Daily Amt code: 10 (100,000 - 499,999 pounds)
No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential
Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Ambient temperature Location: Reaction II, 1600 tank farm

Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Toluene

CAS: 108-88-3 EHS: No

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 44

Printed: April 2, 2019

Facility Name: KMCO

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 11 (500,000 - 999,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Ambient temperature Location:

Distillation II Process Area Amount:

Container Type: Steel Drum Pressure: Greater than ambient pressure Temp: Ambient temperature Location: Reaction

II Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Triethanolamine

CAS: 102-71-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 08 (50,000 - 74,999 pounds)

Avg Daily Amt code: 04 (1,000 - 4,999 pounds)

No. of days on-site: 365

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 45

Printed: April 2, 2019

Facility Name: KMCO

STORAGE LOCATIONS:

☐ Confidential

Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Reaction II Process
Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Triethylene Glycol

CAS: 112-27-6 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

Avg Daily Amt code: 12 (1,000,000 - 9,999,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation I
Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Tris-nonylphenyl phosphite

CAS: 26523-78-4 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input type="checkbox"/> Reproductive toxicity
<input checked="" type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input type="checkbox"/> Aspiration hazard

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 46

Printed: April 2, 2019

Facility Name: KMCO

☐ Germ cell mutagenicity ☐ Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 05 (5,000 - 9,999 pounds)

Avg Daily Amt code: 03 (500 - 999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Distillation I

Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

CHEM NAME: Xylene

CAS: 1330-20-7 EHS: No

☒ Identical to previous year

☐ TRADE SECRET

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas

PHYSICAL HAZARDS:

<input type="checkbox"/> Explosive	<input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)
<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Self-reactive
<input type="checkbox"/> Pyrophoric (liquid or solid)	<input type="checkbox"/> Pyrophoric Gas
<input type="checkbox"/> Self-heating	<input type="checkbox"/> Organic peroxide
<input type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Gas under pressure (compressed gas)
<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Combustible Dust

HEALTH HAZARDS:

<input checked="" type="checkbox"/> Acute toxicity (any route of exposure)	<input type="checkbox"/> Carcinogenicity
<input checked="" type="checkbox"/> Skin corrosion or irritation	<input checked="" type="checkbox"/> Reproductive toxicity
<input type="checkbox"/> Serious eye damage or eye irritation	<input type="checkbox"/> Specific target organ toxicity (single/repeated exposure)
<input checked="" type="checkbox"/> Respiratory or skin sensitization	<input checked="" type="checkbox"/> Aspiration hazard
<input type="checkbox"/> Germ cell mutagenicity	<input type="checkbox"/> Simple Asphyxiant

☐ Hazard Not Otherwise Classified

INVENTORY:

☐ Below Reporting Thresholds

Max Daily Amt code: 10 (100,000 - 499,999 pounds)

Avg Daily Amt code: 10 (100,000 - 499,999 pounds)

No. of days on-site: 365

STORAGE LOCATIONS:

☐ Confidential

Container Type: Above ground tank Pressure: Greater than ambient pressure Temp: Ambient temperature Location:

Reaction II Process Area Amount:

CHEMICALS IN INVENTORY STATE FIELDS:

No additional chemical information is required by Texas

FACILITY STATE FIELDS:

Texas requests the following:

☐ Initial

☐ Updated

☒ Annual

TXT2 Number:: 27954

TCEQ Regulated Entity Number (RN): RN101613511

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2017

Page 47

Printed: April 2, 2019

Facility Name: KMCO

TCEQ Customer Number (CN): CN604105221

During this reporting year, was this facility sold to another company, or did it close operations or discontinue storing reportable quantities of hazardous substances?: No

Effective Date:

STATE / LOCAL FEES: \$400.00

- ☐ I have attached a site plan
- ☐ I have attached a list of site coordinate abbreviations
- ☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 47,
and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Kimberly Davenport

2/27/2018

Name and official title of owner/operator
OR owner/operator's authorized representative

Signature

Date signed